

Machine Studies

Schedule for Run4-1,2000

October 27th, 0800 - November 2nd, 0800

Time	Descriptions	Studios	SRStatus
	Friday, 10/27/00		
0800-1800	Fix various problems.		
0800-1600	Setup first stored beam in SR. (not done yet)	Emery	Stored beam and injection
1200-1400	Test the new bpm/corrector configuration software (not done at this time)	Borland	Stored beam and injection
1600-2400	Setup first stored beam in SR, and conditioning RF cavities with beam.	Emery	Stored beam and injection
	Saturday, 10/28/00		
0000-0600	BPM software commissioning, timing scans, bpm configuration	Decker Erwin	Stored beam and injection
0600-0900	BPLD validation.	Pietryla	Stored beam and injection
0900-1200	Verify chromaticity map	Harkay	Stored beam and injection
1200-2000	Instability thresholds vs chromaticity	Harkay	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
2000-2400	Beta function measurement to check lattice symmetry or bpm offset measurement, and continue to condition the RF cavities.	OPS	Stored beam and no injection
Sunday, 10/29/00			
0000-0400	Beta function measurement to check lattice symmetry or bpm offset measurement	OPS	Stored beam and no injection
0400-1200	Setup low emittance lattice and converging beta function lattice.	Emery	Stored beam and injection
1200-1600	ID VC impedance measurement using bump method	Emery	Stored beam and injection
1600-2000	Vertical tune with different fill patterns	Yao	Stored beam and injection
2000-2400	Rogue microwave in sector 32	Lill Decker	Stored beam and injection
Monday, 10/30/00			
0000-0200	Open		Stored beam and injection
0200-0300	Data for frequency measurement algorithm	Sajaev Emery	Stored beam and injection
0300-0600	Harmonic sextupole scan on converging beta lattice.	Sajaev Emery	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
0600-0800	RT feedback setup and response matrix measurement. Injection unavailable at 0700h	Carwar Yao	Stored beam and injection
0800-1600	Linac access	ASD-ME	Stored beam, no injection
0800-1200	Sector 35 beta function measurement and bpm offset measurement	Ops	Stored beam, no injection
1200-1400	S2/3 communications	Fors	No beam, no injection
1400-1600	Zone C and E 100Hz monitoring	Fors	No beam, no injection
1600-2400	Orbit correction with Xray bpms in sectors 32,33,34	Singh Decker	Stored beam and injection
1600-2400	X-bpm alignment studies	Erwin Hahne	Stored beam, and injection
Tuesday, 10/31/00			
0000-0400	Testing of orbit motion source identification scripts	Schwartz	Stored beam and injection
0400-0900	Check out Schwartz algorithm for slow/RT system interaction	Schwartz Emery	Stored beam and injection
0900-1200	Install ADP for bunch purity monitor	Lumpkin XFD-HRX	Stored beam and injection
1200-2000	Multibunch instability threshold I	Harkay	Stored beam and injection

Time	Descriptions	Studiers	SRStatus
2000-2400	Beam scrape-down for offset compensation	Singh Erwin	Stored beam, no injection
Wednesday, 11/1/00			
0000-0200	Open		
0200-0600	SR injection efficiency study	Emery	Stored beam, and injection
0600-0800	Long term girder drift	Emery Lessner	Stored beam, and injection
0800-1200	Linac to booster injection	Harkay Emery	Stored beam, and injection
1200-1600	Upgraded bunch cleaning system	Yao	Stored beam, No injection
1600-2400	Orbit correction with Xray bpms in sectors 32,33,34	Singh Decker	Stored beam and injection
1600-2400	X-bpm alignment studies	Erwin Hahne	Stored beam, and injection
Thursday, 11/2/00			
0000-0730	Multibunch instability threshold II	Harkay	Stored beam, and injection
0730-0800	Ready for User beam with singlets bunch fill pattern	OPS	Stored beam and injection